

ABSTRACT OF THE DISCLOSURE

An inverted microscope system comprises a microscope main body having an objective lens opposed to a sample, a primary image forming optical system 5 which forms an intermediate image of the sample in cooperation with the objective lens, and focusing section for changing a relative distance between the sample and the objective lens and forming the intermediate image of the sample at a predetermined 10 position, illumination section, which is detachable with respect to the microscope main body, for generating illumination light to the sample, and an additional unit which is detachable with respect to the microscope main body and includes an observation tube 15 to observe the intermediate image of the sample.